

Listing of the Claims:

Claims 1 - 8 (Cancelled)

9. (Previously Presented) A four-hinged wiper arm for a windshield wiper system, comprising:

a connecting rod pivotally connected to a driving arm at a first bearing point on the connecting rod and to a control arm at a second bearing point on the connecting rod, a hinged part coupled to the connecting rod at an axis, a wiper blade placable on one of the hinged part and a wiper rod connected to the hinged part can be pressed against the windshield to be wiped by a spring element that is mounted on the four-hinged wiper arm, wherein one of the connecting rod, the driving arm, and the control arm is provided with a co-axial rolling-contact bearing relative to a passage in at least one of the first and second bearing points of the four-hinged wiper arm and inner and outer races of the bearing are axially and radially fixed to be non-rotatable with respect to the connecting rod and at least one of the control arm and driving arm allowing transmission of large radial and axial forces without play.

10. (Previously Presented) The four-hinged wiper arm according to claim 9, characterized in that at least one of the rolling-contact bearings is a deep groove ball bearing.

11. (Previously Presented) The four-hinged wiper arm according to claim 9 characterized in that the driving arm and the control arm are made of sheet metal.

12. (Previously Presented) The four-hinged wiper arm according to claim 9 characterized in that an outer ring of the at least one rolling-contact bearing is axially secured and held, so that it does not rotate in one recess of the connecting rod whereas a bolt, attached to one of the driving arm and the control arm, is fitted into

an inner ring of the rolling-contact bearing and is axially secured and non-rotatably held.

13. (Previously Presented) The four-hinged wiper arm according to claim 12 characterized in that the bolt used on the at least one first and second bearing point is a riveted bolt.

14. (Currently Amended) The A four-hinged wiper arm for a windshield wiper system comprising: according to claim 13, characterized in that
a connecting rod pivotally connected to a driving arm at a first bearing point on the connecting rod and to a control arm at a second bearing point on the connecting rod, a hinged part coupled to the connecting rod at an axis, a wiper blade placable on one of the hinged part and a wiper rod connected to the hinged part can be pressed against the windshield to be wiped by a spring element that is mounted on the four-hinged wiper arm, wherein one of the connecting rod, the driving arm, and the control arm is provided with a co-axial rolling-contact bearing relative to a passage in at least one of the first and second bearing points of the four-hinged wiper arm and inner and outer races of the bearing are axially and radially fixed to be non-rotatable with respect to the connecting rod and at least one of the control arm and driving arm allowing transmission of large radial and axial forces without play;
an outer ring of the at least one rolling-contact bearing is axially secured and held, so that it does not rotate in one recess of the connecting rod whereas a bolt, attached to one of the driving arm and the control arm, is fitted into an inner ring of the rolling-contact bearing and is axially secured and non-rotatably held, wherein the bolt used on the at least one first and second bearing point is a riveted bolt, and wherein the riveted bolt is secured by wobble riveting the passage of one of the driving arm and control arm, and by wobble riveting at the inner ring of the rolling-contact bearing, wherein the riveted bolt has a radially protruding flange in a middle region, with one side that rests against one of the driving arm and the

control arm, and another side that rests against a front surface of the inner ring of the rolling-contact bearing.

15. (Cancelled).

16. (Previously Presented) The four-hinged wiper arm according to claim 9, further comprising a rolling-contact bearing with a deep groove ball bearing both at the first bearing point between the connecting rod and the driving arm and at the second bearing point between the connecting rod and the control arm.

17. (Previously Presented) In a four-hinged wiper arm for a windshield wiper, having a connecting rod pivotally connected to a driving arm at a first bearing point on the connecting rod and to a control arm at a second bearing point on the connecting rod and a hinged part coupled to the connecting rod and a wiper rod connected to the hinged part for pressing against the windshield to be wiped by a spring element mounted on the four-hinged wiper arm, the improvement comprising:

a rolling-contact bearing provided with one of the connecting rod and driving arm in at least one of the first and second bearing points of the four-hinged wiper arm wherein the rolling contact bearing has a first member axially fixed in a recess of one of the connecting rod and driving arm and a second member maintaining coaxially aligned to the first member in a non-play relationship.

18. (Previously Presented) The improvement according to claim 17, wherein at least one of the rolling-contact bearings is a deep groove ball bearing.

19. (Previously Presented) The improvement according to claim 17 wherein the driving arm and the control arm are made of sheet metal.

20. (Previously Presented) The improvement according to claim 17 wherein the rolling-contact bearing has an inner and outer ring and that the outer ring of the at least one rolling-contact bearing is axially secured and held, so that it does not rotate in one recess of the connecting rod whereas a bolt, attached to one of the driving arm and the control arm, is fitted into the inner ring of the rolling-contact bearing and is axially secured and non-rotatably held.

21. (Previously Presented) The improvement according to claim 20, wherein the bolt used on the at least one first and second bearing point is a riveted bolt.

22. (Currently Amended) ~~The improvement according to claim 21,~~ A four-hinged wiper arm for a windshield wiper, having a connecting rod pivotally connected to a driving arm at a first bearing point on the connecting rod and to a control arm at a second bearing point on the connecting rod and a hinged part coupled to the connecting rod and a wiper rod connected to the hinged part for pressing against the windshield to be wiped by a spring element mounted on the four-hinged wiper arm, the improvement comprising:

a rolling-contact bearing provided with one of the connecting rod and driving arm in at least one of the first and second bearing points of the four-hinged wiper arm wherein the rolling contact bearing has a first member axially fixed in a recess of one of the connecting rod and driving arm and a second member maintaining coaxially aligned to the first member in a non-play relationship, wherein the rolling-contact bearing has an inner and outer ring and the outer ring of the at least one rolling-contact bearing is axially secured and held, so that the outer ring does not rotate in one recess of the connecting rod whereas a bolt, attached to one of the driving arm and the control arm, is fitted into the inner ring of the rolling-contact bearing and is axially secured and non-rotatably held, wherein the bolt used on the at least one first and second bearing point is a riveted bolt, and wherein the riveted bolt is secured by wobble riveting in a passage in one of the driving arm

and control arm, and by wobble riveting at an inner ring of the rolling-contact bearing.

23. (Previously Presented) The improvement according to claim 22, wherein the riveted bolt has a radially protruding flange in a middle region, with one side that rests against one of the driving arm and the control arm, and another side that rests against a front surface of the inner ring of the rolling-contact bearing.

24. (Previously Presented) The improvement according to claim 17, further comprising a rolling-contact bearing with a deep groove ball bearing both at the first bearing point between the connecting rod and the driving arm and at the second bearing point between the connecting rod and the control arm.

25. (Previously Presented) The improvement according to claim 20, wherein the bolt includes a radially protruding flange having one side resting against the inner ring and an opposing side resting against one of the driving arm and control arm.

26. (Previously Presented) A four-hinged wiper arm for a windshield wiper system comprising:

a connecting rod pivotally connected to a driving arm at a first bearing point on the connecting rod and to a control arm at a second bearing point on the connecting rod, a hinged part coupled to the connecting rod at an axis, a wiper blade placable on one of the hinged part and a wiper rod connected to the hinged part to be pressed against the windshield to be wiped by a spring element mounted on the four-hinged wiper arm, wherein at least one of the connecting rod, the driving arm, and the control arm is provided with a rolling-contact bearing in at least one of the first and second bearing points of the four-hinged wiper arm, at least one of the first and second bearing points having an outer ring of a deep groove ball bearing secured in an axially-fixed, non-rotatable manner within a recess of the connecting rod, one

end of a riveted bolt fixedly secured into a passage in at least one of the driving arm and the control arm with an opposite end of the riveted bolt being connected non-rotatably to the inner ring of the deep groove ball bearing, such that the first and second bearing points provide non-play transmission of large radial and axial forces.

27. (Previously Presented) The four-hinged wiper arm according to claim 9 characterized in that each of the first and second bearing points of the four hinged wiper arm is provided with a co-axial rolling-contact bearing, each inner and outer race of the bearing is axially and radially fixed to be non-rotatable with respect to the connecting rod and the control arm for the first bearing point and the connecting rod and the driving arm for the second bearing point, allowing transmission of large radial and axial forces without play.

28. (Previously Presented) The four-hinged wiper arm according to claim 27, wherein an outer ring of each rolling-contact bearing is axially secured and held, so that the outer rings do not rotate in the recesses of the connecting rod, whereas the bolts attached to the driving arm and the control arm are fitted into an inner ring of each of the rolling contact bearings and are axially secured and non-rotatably held.

29. (Previously Presented) The four-hinged wiper arm according to claim 28, wherein the bolts each include a radially protruding flange having one side resting against the inner ring and an opposing side of one of the bolts resting against the driving arm and the opposing side of the other bolt resting against the control arm.

30. (Previously Presented) The improvement according to claim 17, wherein each of the first and second bearing points of the four-hinged wiper arm is provided with a co-axial rolling-contact bearing, each outer and inner race of the bearing is axially and radially fixed to be non-rotatable with respect to the connecting

rod and the control arm respectively for the first bearing point and the connecting rod and driving arm respectively for the second bearing point, allowing transmission of large radial and axial forces without play.

31. (Previously Presented) The improvement according to claim 30, wherein an outer ring of each rolling-contact bearing is axially secured and held, so that the outer rings do not rotate in the recesses of the connecting rod, whereas the bolts attached to the driving arm and the control arm are fitted into an inner ring of each of the rolling contact bearings and are axially secured and non-rotatably held.